

Title (en)
APPARATUS FOR MAKING MOULDED ARTICLES OF CONCRETE OR THE LIKE

Publication
EP 0118872 B1 19880817 (DE)

Application
EP 84102419 A 19840307

Priority
DE 8307078 U 19830311

Abstract (en)
[origin: US4545754A] An apparatus for producing moldings (48) from concrete et cetera, particularly concrete paving stones, the top side of which exhibits partial surfaces of different vertical level, comprises a molding table (46), a molding frame (30, 31) and a stamp fitting in the latter. For better consolidation and in order to facilitate clean removal from the mold, it is provided that the stamp consists of two separate partial stamps (33, 42) guided in each other, the end cross-sectional surfaces of which are dimensioned so that the one (33) molds the lower-lying and the other (42) the higher-lying top partial surfaces of the molding (48) and that the stroke distance of the partial stamp (42) for the higher-lying partial surfaces is limited in an upper consolidation position, in which both partial stamps conjointly reproduce the top side of the molding, and in a lower mold-removal position, by stops. The partial stamp (33) for the lower-lying partial surfaces preferably consists of a ring surrounding the other partial stamp (42). This ring may be connected by guide bolts (35) to a first superimposed load (36), whereas the inner partial stamp (42) supports a second superimposed load in the form of a guide plate (44). For use in multi-layer production machines it is provided to lock the two partial stamps (33 and 42) intermittently together, particularly by means of locking elements (38) which engage automatically and can be disengaged by control lugs (32) of the molding frame (30).

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IPC 8 full level
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CPC (source: EP US)
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Cited by
DE29714044U1; CN110757623A; US6093012A; EP1568455A3; DE4212702A1; EP3000571A1; DE19537077A1; US5612065A; EP0693351A1; EP0719622A1; DE10326126A1; DE102005058403A1; EP0408447A1; DE102005058403B4; WO2008055504A1; WO2007065526A1; WO8701984A1

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